

VALVE HAVING AN INTEGRATED ACTUATOR ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A valve assembly includes a fully-integrated actuator assembly. The actuator assembly includes, within a single housing assembly, a torque source, a position sensor, a gear train, and an output shaft. The torque source is adapted to receive one or more position control signals and, in response, to supplies a drive force. The position sensor is coupled to receive the drive force and, in response, supplies a signal representative of valve position. The output shaft is coupled to receive the drive force from the torque source, and thereby selectively moves the valve, upon receipt of the drive force, between the open and closed positions.